

ABSTRACT

A system for testing and monitoring the operation of telephone systems uses a call trace method for capturing messages associated with a phone call.

- 5 The system can provide an indication as to the time a particular triggering signaling message (e.g., IAM or RLC message) was detected on a link. The present system assembles SS7 signaling messages in real-time. Time stamps are employed in triggers to identify past messages stored in a buffer that are related to the phone call. The instant method of call tracing modifies
- 10 traditional trigger broadcast transmit-and-receive methods and adds an inter-element manager trigger broadcast capability